| Index of Claims | Application |
|---|-------------|
| : 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 188 (10 | 10/813,169 |
| | Examiner |
| 388/101 100/1 00/101 10/101 10/00 10/00 01/10 01/10 10/10 10/10 10/10 10/10 10/10 | DINH T. LE |

Application/Control No.

Applicant(s)/Patent under Reexamination

10/813,169

XU ET AL

Examiner

Art Unit

2816

| Rejected | | (Through numeral) Cancelled | | 1 | Non-Elected | Α | Appeal | | |
|----------|---|--------------------------------|--|---|--------------|---|----------|--|--|
| Allowed | ÷ | Restricted | | ı | Interference | 0 | Objected | | |

| Cla | aim | Date | | Date | | | | Cla | mir | Date | | | | | 7111 | CI | aim | Date | | | | | | | | | | | | |
|------------------------|----------|-----------------|-----------|----------|----------|----------|--------------|--|------------------------|----------|-------|----------|------------------------------------|--|-----------|--|----------|---------------------|--------|-------|----------|----------|----------|-----------|----------|-----------|--------------------|----------------------------|---|----------|
| | _ | ١ | | | | | | Π | П | | | = | | | | | Т | | | | | | | | | П | | П | \neg | ╗ |
| Final | Original | 4/18/05 | | | | | | | 1 | | Final | Original | | - | | | İ | | | च | Original | | | | - 1 | | | 1 1 | | |
| i.E | Ē | /18 | | | | | | | П | | ᄩ | ng | | | | | 1 | | | Final | iģi | ll | - 1 | | | | | 1 1 | - 1 | |
| _ | 0 | 4 | | | | | | | П | | | 0 | | | | | 1 | 1 | | _ | ō | | | | | | | | | |
| - | 1 | v | \vdash | _ | _ | ┢ | \vdash | | \vdash | _ | | 51 | - | +- | - | - | + | 1 | - :::: | | 101 | \vdash | - | \dashv | - | | Н | \vdash | - | \dashv |
| | 2 | v | H | - | \vdash | _ | ┢ | | \vdash | \vdash | | 52 | - | + | | + | + | | - :::: | | | | \dashv | \dashv | \dashv | - | \vdash | | - | |
| | 3 | v | \dashv | _ | | ┢ | ├- | ⊢ | \vdash | _ | | 53 | | + | \vdash | | + | \vdash | | | 102 | \dashv | - | | -4 | \dashv | \vdash | ⊢ | \dashv | |
| _ | 4 | - | Н | | \vdash | ⊢ | ├ | - | Н | _ | | | \dashv | + | \vdash | + | | \vdash | - | | 103 | Н | | | | \dashv | \dashv | $\vdash \vdash$ | \dashv | _ |
| | 5 | ٧ | \dashv | | - | - | | - | \vdash | | | 54 | + | + | - | \dashv | - - | - | - | | 104 | Щ | | - | _ | \dashv | \sqcup | ${oldsymbol{\longmapsto}}$ | 4 | _ |
| | - | ٧ | \vdash | | ⊢ | \vdash | ┝ | ⊢ | Н | | | 55 | + | - | - | 4 | - - | 1 | | | 105 | Ш | _ | | _ | \dashv | Щ | \vdash | 4 | _ |
| | 6 | ٧ | \vdash | _ | <u> </u> | <u> </u> | <u> </u> | ⊢ | \vdash | _ | | 56 | -+ | — | \dashv | - | | \vdash | 4 | | 106 | Ш | _ | _ | _ | \dashv | Щ | ш | _ | _ |
| <u> </u> | 7 | ٧ | - | | <u> </u> | <u> </u> | ┞ | ├ | \vdash | | | 57 | | _ | \dashv | | - | | _ | | 107 | -1 | _ | _ | _ | \dashv | | \sqcup | \dashv | _ |
| | 8 | ٧ | | | L., | <u> </u> | <u> </u> | | Ш | | | 58 | | - | | | \bot | \perp | _ | | 108 | | _ | _ | _ | _ | Ш | Ш | _ | _ |
| _ | 9 | ٧ | \dashv | | _ | <u> </u> | <u> </u> | ⊢ | \vdash | | | 59 | | | \perp | _ | | | _ | | 109 | | _ | | _ | \dashv | \square | \Box | _ | |
| | 10 | ٧ | \dashv | | _ | _ | | <u> </u> | \perp | | | 60 | | ┷ | \Box | _ | 4 | Ц. | _ | | 110 | | | _ | | _ | | Ш | $ \bot $ | _ |
| <u> </u> | 11 | ٧ | Ц | | <u> </u> | <u> </u> | L | <u> </u> | Ш | Щ | | 61 | | \bot | \sqcup | | | | _ | | 111 | | | \perp | | | Ш | \sqcup | | |
| \vdash | 12 | ٧ | Ц | | L_ | <u> </u> | | <u> </u> | \sqcup | | | 62 | | | | | \perp | $\sqcup \sqcup$ | _ !!!! | | 112 | \Box | | | | | $oxedsymbol{oxed}$ | | \Box | |
| | 13 | ٧ | Щ | | L | <u> </u> | L | | Ш | | | 63 | | | | | | Ш | _ | | 113 | | | | \Box | | | | | |
| | 14 | ٧ | | | | <u>_</u> | | _ | Ш | | | 64 | $\Box \Box$ | | \Box | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | | \coprod | | | 114 | | \Box | | \Box | \Box | | | \Box | |
| | 15 | ٧ | | | | | | L | | | | 65 | $\Box \Box$ | | | $oxed{oxed}$ | | | | | 115 | | | | | | | T | \neg | |
| | 16 | ٧ | | | | | | | | | | 66 | | | | | | | | | 116 | | | | | П | | | T | ヿ |
| | 17 | ٧ | | | | | | | | | | 67 | | | | | 1 | | 7 | | 117 | | \neg | \neg | ヿ | \neg | | | ┪ | \neg |
| | 18 | ٧ | | | | | | | | | | 68 | | | | | | | 7 | | 118 | | | | \neg | \neg | | | \neg | \neg |
| | 19 | ٧ | П | | | | | | | | | 69 | | 1 | | | | | | | 119 | | \neg | | ᄀ | \neg | 一 | \Box | ヿ | \neg |
| | 20 | V | | | | | | | | | | 70 | | \top | | | \neg | | | | 120 | \neg | ┪ | _ | \neg | \exists | \Box | \Box | \dashv | ┪ |
| | 21 | V | П | | | | | | П | | | 71 | | 1 | T | \neg | \top | | 71111 | | 121 | \dashv | | 7 | ┪ | \dashv | \neg | \dashv | 十 | ᅥ |
| | 22 | V | | | | | | | \Box | | | 72 | | + | \neg | _ | | T | 71111 | | 122 | \neg | _ | _ | \dashv | \dashv | \dashv | \vdash | \dashv | ᅱ |
| | 23 | v | П | | | | | Т | T | | | 73 | | \top | T† | -†- | \top | 1 | ١ | | 123 | | \dashv | _ | ┪ | \dashv | \dashv | \dashv | \dashv | ᅥ |
| | 24 | V | ヿ | | | | | | | _ | | 74 | | \top | | | + | | ┨Ш | | 124 | \dashv | \dashv | _ | ᅥ | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 25 | | \neg | | | | | Т | \vdash | | | 75 | \top | +- | \dashv | _ | + | \vdash | - | | 125 | \dashv | \dashv | - | \dashv | \dashv | \dashv | \vdash | \dashv | \dashv |
| | 26 | | T | | | | _ | <u> </u> | Н | | | 76 | | + | \dashv | 十 | + | - | ١!!! | | 126 | \dashv | | - | | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 27 | | \exists | _ | | - | | | Н | | | 77 | | +- | - | - | + | \vdash | - | | 127 | \dashv | \dashv | \dashv | ┪ | | \dashv | \vdash | \dashv | ᅱ |
| | 28 | | | \neg | _ | Н | | \vdash | Н | | | 78 | - | + | \vdash | + | + | | - | | 128 | \dashv | \dashv | \dashv | | \dashv | \dashv | \dashv | \dashv | ᅱ |
| | 29 | H | _ | | _ | \vdash | | - | Н | \vdash | | 79 | - | + | \dashv | + | +- | ╁ | - | | 129 | \dashv | \dashv | - | | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 30 | Н | - | _ | \vdash | Н | \vdash | ┝ | Н | - | | 80 | _ | + | - | +- | + | | - | | 130 | - | \dashv | | \dashv | - | \dashv | | \dashv | - |
| | 31 | \vdash | \dashv | | _ | - | \vdash | ┝ | \vdash | | | 81 | - | + | \dashv | \dashv | ┤— | - | - | | | \vdash | | \dashv | | \dashv | - | \dashv | - | _ |
| | 32 | | | - | | - | \vdash | - | ╁ | - | | 82 | - | + | -+ | + | | \vdash | | | 131 | - | \dashv | \dashv | | \dashv | - | \dashv | -+ | \dashv |
| | 33 | Н | | | - | | \vdash | ⊢ | | | | 83 | | + | -+ | + | + | \vdash | | | 132 | \dashv | - | - | - | | \dashv | \dashv | \dashv | _ |
| | 34 | | \dashv | _ | _ | | Н | ┝ | \vdash | _ | | | - | + | \dashv | + | - | \vdash | - | | 133 | \dashv | | - | | \dashv | | \dashv | - | 4 |
| $\vdash \vdash$ | 35 | \vdash | - | - | \vdash | \vdash | \vdash | \vdash | H | \dashv | | 84 | -+ | + | + | -+ | + | \vdash | - | | 134 | | - | - | _ | \dashv | \dashv | - | \dashv | - |
| \vdash | 36 | Н | | - | | - | - | - | $\vdash \vdash$ | \vdash | | 85 | | + | - | + | - | ├- | - :::: | | 135 | \dashv | - | - | 4 | | 4 | \dashv | + | _ |
| \vdash | 37 | Н | - | - | | Н | Н | \vdash | ┝╌┤ | \dashv | | 86 | \dashv | - | 4 | + | + | | | | 136 | - | | _ | | | _ | \dashv | \dashv | 4 |
| \vdash | | Н | - | - | \vdash | Н | Н | | $\left \cdot \right $ | _ | | 87 | + | | - | + | +- | | - | | 137 | \sqcup | | _ | _ | _ | \dashv | _ | \dashv | 4 |
| $\vdash \vdash \vdash$ | 38 | \vdash | \dashv | - | Щ | Щ | Н | - | \vdash | \dashv | | 88 | + | + | 4 | + | + | | - | | 138 | - | | _ | _ | 4 | _ | _ | \dashv | _ |
| $\vdash \vdash$ | 39 | $\vdash \vdash$ | \dashv | 4 | | Н | Ш | - | \sqcup | | | 89 | | + | - | + | +- | $\vdash \downarrow$ | 4 | | 139 | \dashv | | _ | _ | _ | _ | | _ | _ |
| <u> </u> | 40 | $\vdash \vdash$ | _ | \dashv | | \vdash | | - | \sqcup | | | 90 | | + | _ | \bot | - | Щ. | 4 | | 140 | \Box | \Box | _ | _ | \dashv | _ | _ | \dashv | _ |
| igwdown | 41 | Н | | | Щ | Ш | Ш | <u> </u> | \sqcup | \neg | | 91 | \perp | \bot | | | \bot | $\vdash \vdash$ | 4 | | 141 | \Box | | | \perp | ᆜ | | | | |
| | 42 | Ш | _ļ | _ | Щ | Ш | Ш | _ | Ш | | | 92 | | \bot | | \perp | \perp | $\sqcup \bot$ | 4 | | 142 | | | | | | | \Box | \Box | |
| | 43 | Щ | \perp | | | | Щ | Щ | Щ | | | 93 | \perp | \perp | | \perp | | Ш | _ | | 143 | | | | [| | | \Box | $oldsymbol{ol}}}}}}}}}}}}}}}$ | |
| \sqcup | 44 | Щ | _ | _ | \Box | | Ш | L | \sqcup | | | 94 | $\perp \!\!\! \perp$ | $oldsymbol{\perp}$ | | | | | _ | | 144 | \Box | | | | | | | \Box | |
| | 45 | | _ | _ | | | | _ | Ш | | | 95 | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | | | \perp | | _] | | 145 | | | \Box | \Box | | | | | |
| $oxed{oxed}$ | 46 | | | | | | | | Ш | | | 96 | $\perp \! \! \! \! \! \! \! \perp$ | | \Box | \prod | | | | | 146 | | | | | | | ╗ | \Box | ٦ |
| لــــا | 47 | | | | | | | | \Box | | | 97 | \bot | | $_{ m I}$ | $oxed{\Gamma}$ | \perp | $\Box \top$ | | | 147 | | \neg | \exists | \neg | \neg | \neg | \neg | \neg | \neg |
|] | 48 | | _] | | | | | | | | | 98 | | | T | T | T | | | | 148 | | 丁 | | \neg | \dashv | \neg | \neg | 寸 | \neg |
| | 49 | | \Box | | | | | | | | | 99 | | | | | T | | 7 | | 149 | 7 | \dashv | 一 | \neg | \dashv | \dashv | \neg | 寸 | \dashv |
| | 50 | | J | | | | | | | | | 100 | | | \Box | \dashv | Т | \sqcap | 7 | | 150 | \neg | \dashv | 寸 | \neg | 一 | ヿ | \dashv | 十 | \dashv |
| | | | | | | | | | | | | | | _ | | | <u> </u> | | | | | | 1 | | | _ | _ | | | |